

Sorokin, M. F. and Laguzina, A. M.
THE INTERACTION OF CERTAIN ARYLGLYCIDIC
ESTERS WITH ALCOHOLS OF THE ALIPHATIC
SERIES. [1961] 7p. 5 refs.
Order from OTS or SLA \$1.10

61-20627

Trans. of Nauchnye Doklady Vysshel Shkoly. Khimiya i
Khimicheskaya Tekhnologiya (USSR) 1958, no. 1,
p. 110-114.

DESCRIPTORS: *Epoxy resins, Resins, Synthesis,
*Resorcinol, Ethers, Phenoxy radicals, Propanes,
Epoxides, *Alcohols, Propanols, Alkoxy radicals,
Chemical reactions.

(Chemistry--Organic, TT, v. 7, no. 5)

61-20627

I. Sorokin, M. F.
II. Laguzina, A. M.

Office of Technical Services

Industrial Synthesis of Allylcarbinol and
n-Butyl Alcohol Based on Propylene and
Formaldehyde, by M. I. Farberov, A. M. Kudin,
5 p.

RUSSIAN, per, Nauch Dok Vyschey Naukoy Khim
i Khim Tekhnol, 1958, No 1, pp 148-252.

AT&T-55L32R

Sci
Feb 60
Vol 2, No 12

107963

The Nature of Detonation of Certain Explosives
and the Effect of Pressure on it, by K. K. Andreyev,
B. S. Samsonov, 6 pp.
RUSSIAN, per, Nauchnyye Doklady Vysshey Shkoly.
Khimiya i Khimicheskaya Tekhnologiya, No 2, 1958,
pp 229-232.
ARM/FSTC/INT-23-1072-68

AT&T-65L 32 R

TIL -T- 5172

Sci/Chem
Sept 69

389,924

The Synthesis of Mono-Alkyl-Cyclohexanes of
C₁₅-C₁₈ Composition with an Increased Density,
by Ye. B. Sokolova, G. V. Krasnova.

RUSSIAN, per, Nauch Dok Vysshay Shkoly-Khim
i Khim Tekh, No 2, 1958, pp 330-334. 9662622

ATIC MCL-347/1

Sci - Chem

159,279

Jul 61

<p>Drozdov, N. S. and Grushetskaya, L. A. PREPARATION OF 12-HYDROXY-9, 10-EPOXYSTE- ARIC ACID. [1961] 3p. 4 refs. Order from OTS or SLA \$1.10</p> <p>Trans. of Nauchnye Doklady Vysshei Shkoly. Khimiya i Khimicheskaya Tekhnologiya (USSR) 1958, no. 2. p. 339-341.</p> <p>DESCRIPTORS: *Stearic acids, Epoxides, Synthesis, Organic acids.</p> <p>The synthesis of 12-hydroxy-9, 10-epoxystearic acid, m.p. 31-32° and $\delta/\text{D}_2^{\text{O}} = 5.78$ from the methyl ester of ricinoleic acid via the methyl ester of 12-acetoxyo- leic and 12-acetoxy-9, 10-epoxystearic acids is described. (Author)</p> <p>(Chemistry--Organic, TT, v. 6, no. 6)</p>	<p>61-23655</p> <p>I. Drozdov, N. S. II. Grushetskaya, L. A. III. Translations, New York</p> <p>176655</p> <p>Office of Technical Services</p>
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S-93/60

(NY-3560).

The Calculation of Cascades Used in Separating
Stable Isotopes, by V. K. Turkin, 5 pp.

RUSSIAN, per, Nauch Dok Vyschey Shkoly, Khim
i Khim Tekh, No 2, 1958, pp 385-387.

JPRS 2459

Sci - Chem
Apr 60

112, 623

S-95/60

(NY-356C).

Separation of Isotopes by Rectification.
Rectification of Methanol, by Ya. D. Zel'venskii,
V. Ye. Sokolov, V. A. Shalygin, 8 pp.

RUSSIAN, per, Nauch Dok Vysashay Shkoly, Khim i
Khim Tekh, No 2, 1958, pp 388-391.

JPRS 2460

Sci - Chem
May 60

116,690

Bol'shakov, K. A., Fedorov, P. I., and
Shakhova, M. N.
THE SATURATION VAPOR PRESSURE OF THALLOUS
CHLORIDE. [1961] 6p. 6 refs.
Order from OTS or SLA \$1.10

61-19131

Trans. from [Nauchnye Doklady Vysshey Shkoly,
Khimika i Khimicheskaya Tekhnologiya] (USSR) 1958,
no. 3 [p. 408-412].

DESCRIPTORS: *Thallium compounds, *Chlorides,
*Vapor pressure.

The saturation vapor pressure of chemically pure
thallous chloride was determined by the boiling point
and the saturation methods. The values obtained with
both methods were in good agreement above about
620°C, indicating that thallous chloride in the vapor
phase consists of monomeric molecules. Below about
600°C, the points obtained by the saturation method are
(Chemistry--Physical, TT, v. 6, no. 8) (over)

61-19131

- I. Bol'shakov, K. A.
- II. Fedorov, P. I.
- III. Shakhova, M. N.
- IV. Translations, New York

130161

Office of Technical Services

Calorimetric Method for Determining the Presence of
Ion Association in Solutions of Electrolytes, by
E. V. Kiseleva.

RUSSIAN, per, Nauch Dok Vysshei Shkoly Khim i
Khim Tekh, Vol IV, 1958, pp 621-623.

*AEC

Sci - Chem

Nov 59

Theoretical Bases of Methods of Determining the
Chemical Stability of Explosives, by K. K.
Andreyev. UNCL

RUSSIAN, per, Nauch Dok Vysabivkh Shkoly, Khim i
Khim, Tekh, No 4, 1958, pp 635-639.

DSIR LNU N.1293

(loan)

Sci - Chem
May 60

116,509

Thermal Decomposition Mechanism of Calcium,
Strontium, and Barium Sulfites, by A. N. Ketov, V. V.
Pechkovskiy, 6 pp.
RUSSIAN, per, Nauch Dok Vyssh Shkoly, Khim i Khim
Tekh, No 4, 1958, pp 667-671. 9220543
AEC-Tr-6259

Sci-Mat & Met
Mar 64

252,224

Electron Diffraction Study of the Molecular
Structure of Ia-Halides, by P. A. Akishin,
V. A. Neumov, 6 pp.

RUSSIAN, per, Naučnoye Izdatelstvo Vyshei Shkoly,
Khimicheskaya Tekhnologiya, 1959,
pp 5-7.

AEC AML Tr-349

327,974

Sci - Chemistry
Jul 67

Golodova, L. S. and Sokol'skly, D. V.
A POTENTIOMETRIC METHOD OF STUDYING SELECTIVITY DURING HYDROGENATION OF FATS IN SOLVENTS (Potentiometricheskij Metod Issledovaniya Selektivnosti pri Gidrogenatsii Zhivotnykh). Feb 61 [6]p. 2 refs. RTS 1744. Order from LC or SLA m\$1.80, ph\$1.80 61-19103

Trans. of Nauchnye Doklady Vysshey Shkoly. Khimiya i Khimicheskaya Tekhnologiya (USSR) 1959, no. 1, p. 28-31.

Potentiometric measurements during hydrogenation of fats and of their simplest analogues, unsaturated acid esters, give a correct indication of the change in fatty acid composition and of the sequence in the saturation of acids of different degrees of unsaturation. With hydrogenation of fats in solvents, the process is sufficiently selective. The potentiometric method is very suitable for a study of the reaction selectivity during hydrogenation of both natural fats and oils and their synthetic analogues. (Author)

61-19103

1. Fats--Hydrogenation
2. Catalysts--Effectiveness
3. Potentiometers--Applications
4. Golodova, L. S.
5. Sokol'skly, D. V.
6. RTS-1744
7. Department of Scientific and Industrial Research (Gr. Brit.)

161 670

Office of Technical Services
(Chemistry-Physical, TT, v. 5,
no. 12)

Investigation of the Vanadium Tellurium System,
by Yu. M. Ukrainsky, A. V. Novoselova, Yu. P.
Simanov, 7 pp. i

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Khim i
Khim Tekh, No 1, 1959, pp 62-66.

MDF U-103
9093191

159075

Sci
Nov 61

9, 28
The Extraction of Salicylates of Scandium, Yttrium,
Cerium, Lanthanum, Uranium and Thorium, by B. N.
Sudarikov, V. A. Zaytsev, U. G. Puchkov, 9 pp. UNCL

RUSSIAN, per, Nencheskiye Dok Vsesoyuz Shkoly, Khim
i Khim Tekhn, No 1, 1959, pp 80-83. 9660769

ATIC MCL-249/III

Sci - Chem

Apr 61

149, 695

Telecom JC 41547

The Formation of Complex Compound of Neodium and
Ytterbium with Ethylenediaminetetraacetic Acid
with Cation-Exchanging Chromatography, by L. I.
Martynenko, 10 pp. UNCL

RUSSIAN, per, Nauchnyye Dok Vyshey Shkoly, Khim i
Khim Tekhnika, No 1, 1959, pp 84-87. 9660769

ATTIC MCL-249/III

Sci - Chem

149,697

Apr 61
Telecom DC 41547

<p>Bashkirov, A. N., Kamzolkina, Ye. V., and Kagan, Yu. B. CATALYSTS IN THE DECOMPOSITION OF CARBON MONOXIDE. [1961] 4p. 1 ref. DSIR Trans. NT771; M. 2388. Order from OTS or SLA \$1.10 61-15501</p> <p>Trans. of <u>Nauchnyye Doklady Vysshey Shkoly. Khimiya</u>. <u>Khimicheskaya Tekhnologiya</u> (USSR) 1959, no. 1, p. 162-165.</p> <p>DESCRIPTORS: *Carbon compounds, *Monoxides, Decomposition, *Catalysts.</p> <p>(Chemistry--Physical, TT, v. 6, no. 2)</p>	<p>61-15501</p> <p>L Bashkirov, A. N. IL Kamzolkina, Ye. V. III Kagan, Yu. B. IV. DSIR NT-771 V. DSIR LIU M. 2388 VI Department of Scientific and Industrial Research (Gt. Brit.)</p> <p>109567</p> <p>Office of Technical Services</p>
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Features of the Structure and Properties of Yttrium
Ceramics Made From the Pure Oxides of Al_2O_3 and
 BeO , by I. Ya. Guman. USCL

RUSSIAN, per, Nauch Dok Vyssimy Shkoly: Khim i
Khim Tekh, No 1, 1959, pp 181-185.

DSIR LIB RTS 1459

(12s. 6d.)

113,014

Sci - Chem
Apr 60

Electron Diffraction Study of the Structure of
Neodymium Halide Molecules, by P.A. Akishin,
V. A. Naumov, et al.

RUSSIAN, per, Nauchnye Doklady Vysshéi Shkoly.
Khimika i Khimicheskaya Tekhnologiya, 1969.
pp 229-232. 9233461

AEC ANL-tr-310

Sci/Chemistry
Aug 66

306,358

Redox Potential of Xanthates, by
B. A. Stepanov.
RUSSIAN, per, Nauchnye Doklady Vseshei
Shkoly. Khimiya i Khimicheskaya
Tekhnologiya, No 2, 1959, pp 277-279.
NTC 72-11232-07D

May 72

Shchegolevskaya, N. A. and Sokolov, S. I.
CERTAIN CHARACTERISTICS OF THE KINETICS
OF THE PROCESS OF COPOLYMERISATION OF UN-
SATURATED POLYESTERS AND VINYL MONOMERS
WITH THE FORMATION OF A 3-DIMENSIONAL
NET WORK (Nekotoryye Osobennosti Kinetiki
Protsessa Soopolimerizatsii Neprivednykh Poliyeftirov i
Vinil'nykh Monomerov s Obrazovaniem Prostranstven-
noy Strukturny). June 60 [5]p. 6 refs. TIL/T.5121;
[DSIR LLU] M2269.
Order from LC or SLA m\$1.80, ph\$1.80 61-13751
Trans. of Nauchnye Doklady Vyssh[ey] Shkoly,
Khimi[y] i Khimicheskaya Tekhnologiya (USSR)
1959, no. 2, p. 350-353.

There were examined the conditions of development of simultaneous polymerisation of unsaturated polyesters based on sebatic and maleic acids and dimethylene-glycol and a mixture of vinyl monomers - styrene and methyl methacrylate with the formation of monolithic. (Chemistry--Organic, TT, v. 5, no. 12) (over)

61-13751

1. Copolymerization
 2. Ester--Polymerization
 3. Vinyl compounds-- Polymerization
 4. Polymers--Molecular structure
- I. Shchegolevskaya, N. A.
 - II. Sokolov, S. I.
 - III. TIL/T-5121
 - IV. DSIR LLU M. 2269
 - V. Ministry of Aviation (Gr. Brit.)

100-111
Office of Technical Services

On the Technology of the Manufacture of zirconia
Products by Casting From Aqueous Suspensions,
by G. P. Kalliga, V. A. Kolbasova.

RUSSIAN, per, Nauch Dok Vyashey Shkoly, Khim i
Khim Tekh, No 2, 1959, pp 386-389.

DSIR LIU RTS 1455

Sci - Chem

Aug 60

122,533

Nickel-Zinc Batteries, by V. N. Mlerov.

RUSSIAN, per, Mauch Dok Vysshei Shkoly. Khim i
Khimich Tekh, No 2, 1959, pp 402-405.

OPS 61-27509
MLL 11 3 1977

Sci
Mar 62

189,535

Vol VII, No 2

Appromimate Aerodynamic M Calculations for
a Two-Phase Gas Solid Particle System,
by A. V. Chechetkin, 6 pp.

RUSSIAN, per, Nauch Doklady Vysshay
Shkoly Khim i Khim Tekhniki,
No 2, 1959, pp 406-410.

Sci
Vol IV, No 11
May 62

ATS-50M43R
47-RT-2949
197, 925

Mechanical Technology of Wood. Theoretical Analysis of Conditions Governing Separation of Wood by a Cutting Blade, by S. Voskresenskiy.

RUSSIAN, per, Nauchnye Doklady Vysshei Shkoly.
Lesoinzhenernoe Delo, No 1, 1959, pp 217-222,

CSIRO/No 5767

Sci
Dec 62

NZS Ref 3 100-85 12 5767

Synthesis of Automatic Control Systems With a
Sign-Changing Input for the Integrating Corrective
Element, by E. K. Shigin, 24 pp.

RUSSIAN, per, Nauchnye Doklady Vys. Shkoly,
Mashinostroenie i Priborostroenie, No 1,
Jan-March 1958, pp 193-199.

Automation Express
Vol I, No 8
Internat'l Physical Index

Sc.
Jun 59

Available 12-5 File
90, 424

SMALL & SCALE EJECTOR MODELS, BY B. S.
STEPHANOVSKIY, 22 PP.

RUSSIAN, PER, NAUCH DOK VYSSHEY SHKOLY,
MASHX I Priborostoy, NO 1, 1958, PP 75-86.
9665938

FTD-TT-62-448

SCI - AERO
AUG 62

207,972

Questions on Scientific Problems in the Progress
of Foundry Production, by D. P. Ivanov, 19 pp. UNCL

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Mashin i
Prib, No 2, 1958, pp 7-14. 9660815

ATIC MCL-142/III

USSR - Econ

Sci. - Engn

Apr 61

149,702

Releasem 41175

The Fundamental Theoretical Problems in the
Development of the Technology of Casting Pro-
duction, by N. N. Rubtsov, 10 pp. UNCL

RUSSIAN, per, Nauch Dok Vyshej Shkoly, Mash i
Prib, No 2, 1958, pp 15-18. 9660815

ATTIC MCL-142/III

USSR - Econ

149,704

Sci - Engr

Apr 61
Telecom 41175

New Types of Castings and Problems in Raising
the Precision in Casting, by N. N. Rubtsov, 18 pp.
[REDACTED]

RUSSIAN, per, Nauch Dok Vysabey Shkoly, Mash i Prib,
No 2, 1958, pp 100-107. 9660815

ATIC MCL-142/III

Sci - Eng

149,703

Apr 61

Telecom 41175

Speeding Up the Production Rate on New Machines,
by V. L. Butusov, 2 pp

RUSSIAN, per, Nauch Dok Vseshey Shkoly Mash i
Priborostroy, No 3, 1958, pp 15-24. 2671.73

EX-REF *ATIC MCL-1269/1

BESR
Econ
Sci - Engr
10 Jul 61

Wire 6-7-73.

Contribution to the Theory of Packing Foundry
Molds, by G. F. Balandin, 14 pp.

RUSSIAN, per, Nauchnyye Dok Vyschey Shkoly,
Mashinostroy i Priborostroy, No 3, 1958,
pp 122-131. CIA 7661836

ATIC bxi.-124

Sci

Apr 61

147,505

Instantaneous Temperatures on Contact Surfaces
Due to Friction, by B. F. Stoyukhin, 16 pp.
RUSSIAN, per, Naukch Dok Vysuhey Shkoly, Mash i
Prib, No 4, 1958, pp 73-81. 9692278
DDC RSICX-142

Sci - Engr
Apr 64

255,166

Evaluating the Precision of Castings, by Yu.A. Vorobyev.

RUSSIAN, per, Nauch Dok Vysa Shkoly, Nash i Prib,
No 3, 1958, pp 141-148. 9661836.

ATTIC MCL 194/1

Sci - Min/Met
Jun 61

155,515

<p>Paley, M. M. STANDARDISATION OF THE WAVINESS OF SURFACE OF MACHINE COMPONENTS. [1961] [8]p. [DSIR LLU] M 2279. Order from OTS or SLA \$1.10</p> <p>Trans. of Nauchnyye Doklady Vysshykh Shkoly. Mashino-stroveniya i Priborostroyeniya (USSR) 1958, no. 4, p. 152-159.</p> <p>DESCRIPTORS: *Diesel engines, Pistons, Rods, Vibration, Tests.</p> <p>The waviness of surface on components operating under condition of dry, semi-liquid and liquid friction brings about a great wearing of the pairs. The supporting power of a cylindrical bearing is diminished in the presence of a wavy surface. The supporting power (load-carrying capacity) of a plane-parallel step bearing is increased in the presence of waviness. There is an optional ratio of spacing to the height of undulation (Machinery--Engines, TT, v. 6, no. 3) (over)</p>	<p>61-13761</p> <p>L Paley, M. M. IL DSIR LLU M. 2279</p> <p>61-13761</p> <p>175202</p> <p>Office of Technical Services</p>
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Dunin-Barkovsky, I. V. and Kartasheva, I. N.
RELIABILITY OF MEASUREMENTS OF SURFACE
TEXTURE. [1961] [9]p. 5 refs. [DSIR LLU] M 2280.
Order from OTS or SLA \$1.10 61-13762

Trans. of Nauchnyye Doklady Vysshey Shkoly,
Mashinostroyeniye i Priborostroyeniye (USSR) 1958,
No. 4, p. 160-[169].

DESCRIPTORS: *Metals, Surface properties, Meas-
urement, Reliability.

Ways are found for determining the reliable measure-
ments of the surface roughness and the number of
measurements required under different conditions.
The adequacy of the recommendations have been con-
firmed by experimental investigation. (Author)

(Metallurgy, TT, v. 6, no. 3)

61-13762

I. Dunin-Barkovsky, I. V.
II. Kartasheva, I. N.
III. DSIR LLU M. 2280

175205

Office of Technical Services

<p>Rubinshteyn, S. A. STRESSES AND FORCES IN THE CUTTING OF METALS. [1961] [11]p. 11 refs. [DSIR LLU] M 2282. Order from OTS or SLA \$1.60 61-13764</p> <p>Trans. of <u>Nauchnyye Doklady Vysshey Shkoly. Mashino-</u> <u>stroveniye i Prilozheniye</u> (USSR) 1958, no. 4. p. 170-180.</p> <p>DESCRIPTORS: Stresses, Plasticity, Theory, *Metals, Deformation, *Cutting tools, Machining.</p> <p>The method of determining the stresses, based on the theory of plasticity is reviewed under the following topic headings: (1) contact stresses and forces on the front surface; (2) constancy of volume condition during the formation of the chip element; (3) condition of equilibrium of the chip elements; (4) determining the forces and stresses of cutting; (5) method of calculating forces and stresses; and (6) examples of calculation.</p> <p>(Machinery--Manufacturing, TT, v. 6, no. 4)</p>	<p>61-13764</p> <p>I. Rubinshteyn, S. A. II. DSIR LLU M.2282</p> <p>177620</p> <p>Office of Technical Services</p>
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(BY-1905/1).

Improvement of the LAB-451 Instrument, by L. A.
Vasil'yev, 11 pp.

RUSSIAN, per, Nauchnyye Dok. Vyschob. Shkoly,
Mash i Priborost, No 4, Oct/Dec 1958, pp 230-237.

JPRS-L-1117-N

Sci - Engr
Dec 59

103 481

14

(RY-4253)

High-Power High-Frequency Test Stand VIU-1 MAI-VIAM
(Vibration Test Stand No 1 of the Moscow Aviation
Institute and the All-Union Institute of Aviation
Materials) for Testing the Endurance and Vibration
Strength of Parts and Units of Jet Engines and
Aviation Materials, by A. M. Sulima, M. I.
Yevstigneyev, V. M. Trusov, 19 pp.

RUSSIAN, per, Nauch Dok Vysashay Shkoly, Mash i Prib,
No 2, 1959, pp 110-119.

JPRS 5160

121,807

Sci - Engr

Aug 60

On the Flow of Gas Into a Cylinder of Variable
Volume, by B. V. Ovsyannikov,

RUSSIAN, per, Nauchnoye Dok Vysshey Shkoly Mashin
i Priborostroyeniye Sovetskaya Nauka, No 2, 1958,
pp 60-71.

*FTD-TT-61-53

Sci - Phys

19 Sep 61

On the Use of Radioactive Indicators in the Study
of Reactive Diffusion, by A. A. Zhukhovitskiy,
A. D. Sotskov, 10 pp. UNCL.

RUSSIAN, par, Nauchnyj Dok Vyschey Shkoly, -Metall
No 1, 1958, pp 211-217.

ACSI H-4026 A
ID 2162136

OTC 61-2 272

Sci - Phys
Mar 61

141, 262

X-Ray Study of Thermal Expansion of Nickel-Chromium Alloys, by A. V. Progryshchenko, 7 pp. UNCL.

RUSSIAN, per, Nauch Dok Vysokoy Shkoly, Metall, No 1, 1958, pp 218-221.

ACSI R-4026-B
ID 2164136

OTS 64-5 277

Sci - Min/Metals
Mar 61

141,263

Threshold of Recrystallization
Temperature Σ_{recr} of Nickel Alloys, by S. S. Gorelik, 12 Apr. 1958.
RUSSIAN, per, Nauch Dok Vsesoyuz. Tekhn. Metal.,
No 1, 1958, pp 225-230.

ACSI R-10-6-C
ID 2167136

Set - Min/Metals
Mar 61

141, 264

The Role of Grains in the Destruction of Metals
at High and Low Temperatures, by V. S. Mes'kin,
10 pp. UNCL.

RUSSIAN, per, Nauch Dok Vysokoy Sakholy, Metall,
No 1, 1958, pp 233-238.

ACSI R-4026-D
ID 2162136

Sci - Min/Metals
Mar 61

141,265-

Moduli of Elasticity of Iron - Vanadium Alloys,
by G. M. Ashmarik, B. N. Finkel'shteyn, 4 pp.
UBCL.

RUSSIAN, per, Nauch Dok Vsesoyuz Shkoly, Metall,
No 1, 1958, pp 244-246.

ACSI K-4026-II
ID 2162136

Sci - Min/Metals
Mar 61

141, 258

Distortions of the Crystal Lattice of Heat Treated
Steel, by Ye. L. Gal'perin, Yu. S. Terminasov,
6 pp. URGCL

RUSSIAN, per, Nauch Dok Vysokoy Shkoly, Metall,
No 1, 1958, pp 252-255.

ASSI H-4026-7
ID 2162136

Sci - Min/Metals
Mar 61

141, 259

Kinetics of Relaxation of Stresses in Hardened Steel, by V. Ya. Zubov, 5 pp.

RUSSIAN, par, Nauchnyye Dok Vysokoy Shkoly Metallurgiya, No 2, 1958, pp 245-248.

ACSI I-0395
ID 2180102

Sci - Min/Metal
16 Jan 62

ATC 62-1168

178,775

Microporosity of Powdered Beryllium Oxide
by S. M. Astrakhansev, Ya. S. Umanchik, S. D.

RUSSIAN, per, Nauchnye Dok Vysshei Shkoly
Metalurgiya, No 3, 1958, pp 226-230. 9206039.

AEC/USRL Tr 908(L)

Sci - Phys

230,915

May 63

The Kinetics of Sulphur Transfer From Iron to Slags
in of the Blast Furnace Type, by V. A.
Krivenosov, S. I. Sherov.

^{ey}
RUSSIAN, per, Nauch Dok Vysshih Shkoly Metallurgiye,
No 4, 1958, pp 28-33.

BISI 2091

Sci - Min/metals

211, 272

Sep 62

Kinetics and Mechanism of Structural Transformation
in Tempering of Cold-Deformed Alloy Type K 40NKM,
by B. G. Kivshits, N. G. Makhukov, 8 pp.

UNCLASSIFIED//
D

RUSSIAN, per, Nauchnyye Doklady Vsesoyuznye Shkoly,
Metallurgiya, No 4, 1958, pp 169-173.

ACSI H-7957
ID 2156397

Sci - Min/Met
Jan 61

139.063

Influence Exerted by Unilateral and Allround Dynamic Compression on Transformation of Austenite Into Martensite, by F. L. Lekshin, 6 pp. Ural.

RUSIAN, per, Nauchnyye Dok Vysokoy Shkoly, Metall,
No 4, 1958, pp 178-183.

ACSI K-7956
ID 2156396

Sci - Min/Metals
May 61

15/3/7

The Influence of Rate of Heating on the Fine
Structure of Nickel Iron, by I .H. Kidin, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Nauchnyye Doklady Vsesoyuznoy Shkoly,
Metallurgiya, No 4, 1958, pp 225-228.

ACSI H-7955
ID 2156395

Sci - Min/met
Jan 61

129.061

Radiographic Treatment of Solid Metals and Alloys for Accelerated Diffusional and Diffusionless Processes,
by E. A. Al'yan.

RUSRIAN, part, Nauch Dok Vyschsy Shkoly, Metal,
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The summation of the toxic stimulation was slower for
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Mice were injected with each of the four strains of
botulinus toxin to establish their differences. The
incubation period was shortest for the E type. Dura-
tion of the action was 2 or 3 days for the E-type,
6 days for the B-type, still longer for type C, and about
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